

## **Blind Detection of Packet Data Control Channel**

### **ABSTRACT OF THE DISCLOSURE**

System and method for efficiently detecting packet format from a control channel. A preferred embodiment comprises the use of a slot counter (for example, slot counter 1310) to count the number of slots received (perhaps at a buffer, such as buffer 1305) since the last successfully demodulated packet. Using the slot counter, the number of demodulation attempts can be reduced. For example, if slot counter is one, then a single slot format decode is attempted. If slot counter is two, then a single and dual slot format decode is attempted. Additionally, channel quality can be used to determine likely channel formats. Furthermore, when multiple control channels are used, decoding information regarding one control channel can assist in determining the slot format of another.